

CLAIMS

1. A shelf arrangement for ovens of the type comprising a cabinet (10) provided with lateral walls (11), parallel to each other and which define a front opening (12) closed by a lower door (13) which is horizontally tiltable between a closed position, seated against the front opening (12), and an open position, forwardly projected from the oven, said lateral walls (11) carrying rails (14, 15) on which is slidably seated at least one shelf (30), characterized in that the shelf (30) is mounted to the respective rails (14, 15) in order to be manually displaceable between an operative position, in which it is retracted in the interior of the oven, and a parallel loading position, in which it is elevated and outwardly displaced in relation to the operative position, a pair of rails (15) being provided on each of the lateral walls (11) of the oven and on which respective mutually spaced portions of the corresponding side of the shelf (30) are seated, each rail (15) comprising a first horizontal extension (15a), on which the shelf (30) seats in its operative position, and a second extension (15b), connected to the first one and upwardly inclined towards the front opening (12) and along which the shelf (30) is displaced between its operative and loading positions.

2. A shelf arrangement according to claim 1, characterized in that the shelf (30) is affixed to a frame (31) comprising at least one more shelf (30) parallel to the first one.

3. A shelf arrangement according to claim 1, characterized in that the shelf (30) is detachably coupled to the door (13) of the oven, so that the angular displacement thereof between its closed and open positions produces the displacement of the shelf

(30) between its operative and loading positions.

4. A shelf arrangement according to claim 2, characterized in that the shelf (30) is coupled to the door (13) by a pair of mutually parallel driving rods (25), each having an internal end (25a) detachably articulated to one of the sides of the shelf (30), and an external end (25b) detachably articulated to a corresponding side of the door (13).

5. A shelf arrangement according to claim 4, characterized in that the external ends (25b) of the driving rods (25) reach a level that is lower than that of the internal ends (25a) when the door (13) of the oven is taken to a maximum opening position.

6. A shelf arrangement according to any of the claims 1-5, characterized in that the shelf (30) is manually displaceable, in a horizontal path, between the operative position and an intermediate position adjacent to the front opening (12), and in an upwardly and outwardly inclined path in relation to the oven, between the intermediate position and the loading position.

7. A shelf arrangement according to claim 1, characterized in that the shelf (30) is seated on the two pairs of rails (15) by means of rollers (33).

8. A shelf arrangement according to claim 1, characterized in that each rail (15) has its second extension (15b) ending in a recess (15c), to receive and retain the respective roller of the shelf (30), stabilizing the latter in the loading position.

9. A shelf arrangement according to claim 8, characterized in that each rail (15) comprises a horizontal third extension (16), arranged in series with the first extension (15a) and below the second extension, to be optionally used to conduct the shelf (30) to a loading position that is coplanar and

outwardly advanced in relation to the operative position.